WHAT IS CLAIMED IS:

1. A photocurable silver composition consisting essentially of:
a photocurable organic mixture;
a photoinitiator;
silver powder; and
silver flakes in an amount of at least 20% relative to the weight of the silver powder, the photocurable silver composition when illuminated with ultraviolet (UV) light cures into a silver coating.

2. The photocurable silver composition of claim 1 wherein the photocurable organic mixture comprises an aliphatic acrylated urethane oligomer.

3. The silver composition recited in claim 2, wherein the aliphatic acrylated urethane oligomer is present in an amount of about 3% to 8% of the silver composition.

4. The silver composition recited in claim 2, wherein the aliphatic acrylated urethane oligomer is present in an amount of about 8% of the silver composition.

5. The photocurable silver composition of claim 2 wherein the photocurable organic mixture further comprises an acrylated epoxy oligomer.

6. The silver composition recited in claim 5, wherein the acrylated epoxy oligomer is present in an amount of about 2% to 4% of the silver composition.

7. The silver composition recited in claim 5, wherein the acrylated epoxy oligomer is present in an amount of about 3% of the silver composition.

8. The photocurable silver composition of claim 5 wherein the photocurable organic mixture further comprises an isobornyl acrylate monomer.

9. The silver composition recited in claim 8, wherein the isobornyl acrylate monomer is present in an amount of about 4% to 8% of the silver composition.

10. The silver composition recited in claim 8, wherein the isobornyl acrylate monomer is present in an amount of about 5% of the silver composition.

11. The silver composition recited in claim 8, wherein the photocurable organic mixture further comprises a flow promoting agent.

12. The silver composition recited in claim 11, wherein the flow agent is present in an amount of about 0.1% to 2% of the silver composition.

13. The silver composition recited in claim 11, wherein the flow agent is present in an amount of about 1% of the silver composition.

14. The silver composition recited in claim 1, wherein the silver powder is present in an amount of about 50% to 60% of the silver composition.

15. A silver composition as recited in claim 1, wherein the silver powder is present in an amount of about 52% of the silver composition.

16. The silver composition recited in claim 1, wherein the silver flakes are present in an amount of about 25% to 35% of the silver composition.

17. The silver composition recited in claim 1, wherein the silver flakes is present in an amount of about 5% of the silver composition.

18. The silver composition recited in claim 1, wherein the photoinitiator is present in an amount of about 3% to 6% of the silver composition.

19. The silver composition recited in claim 1, wherein the photoinitiator is present in an amount of about 5% of the silver composition.

20. A method for depositing a silver coating on a substrate, the method comprising:

a first step of applying to the substrate a composition comprising:

an aliphatic acrylated urethane oligomer;

an acrylated epoxy oligomer;

an isobornyl acrylate monomer;

a photoinitiator;

silver powder; and

silver flakes in an amount of at least 20% relative to the weight of the silver powder; and

a second step of photocuring by exposure to light of a wavelength effective to cure said composition.

21. A method as recited in claim 20, wherein the first step comprises spraying the silver-containing fluid-phase composition onto the substrate.

22. A method as recited in claim 20, wherein the first step comprises applying the silver-containing fluid-phase composition to the substrate using a screen printing technique.

23. A method as recited in claim 20, wherein the first step comprises applying the silver-containing fluid-phase composition to the substrate using a flexographic technique.